

Protein/DNA Interactions and Gene Expression



Michael J. Pikaart

Assistant Professor

Chemistry

pikaart@hope.edu

B.S., Calvin College, 1986
Ph.D., University of Michigan, 1992

Areas of expertise: Biochemistry, Transcription regulation, Chromatin structure

Grants and awards

NIH R15 grant, "Specificity of the Interaction Between Gata-1 and DNA."

Key publications and presentations

Amy B. Ghering, Lisa M. Miller Jenkins, Brandy L. Schenck, Sandhya Deo, R. Aeryn Mayer, Michael J. Pikaart, James G. Omichinski, and Hilary A. Godwin. "Spectroscopic determination of the thermodynamics of the interaction of Pb^{2+} with GATA proteins." *Journal of the American Chemical Society* 127: 3751-3759 (2005).

BH Mott, J Bassman, and MJ Pikaart. "A molecular dissection of the interaction between the transcription factor Gata-1 zinc finger and DNA." *Biochemical and Biophysical Research Communications* 316: 910-917 (2004).

